1/8

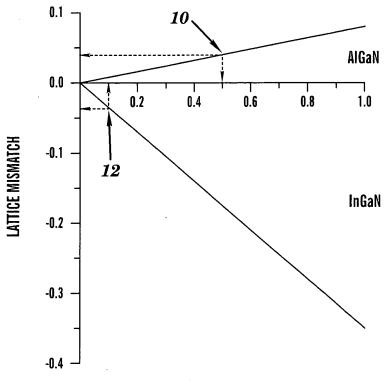


FIG. 1a

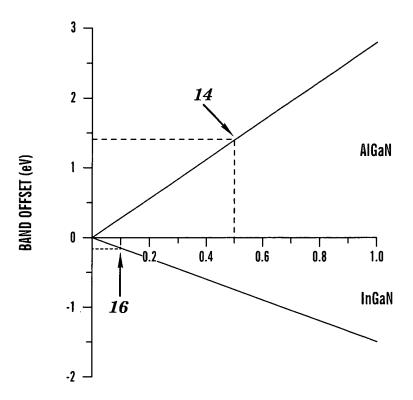


FIG. 1b



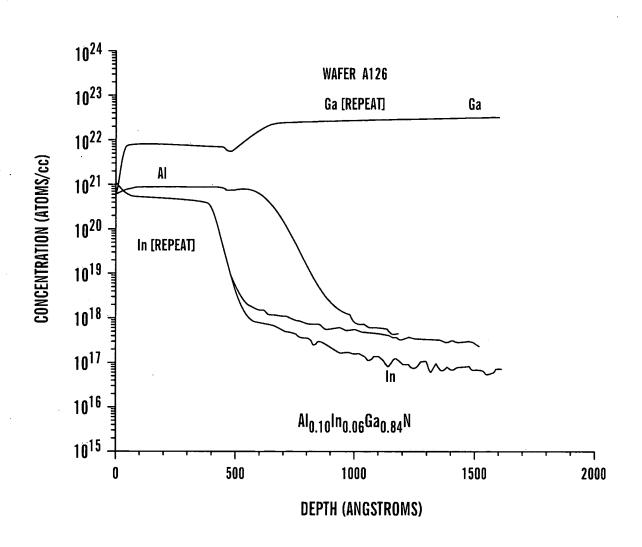
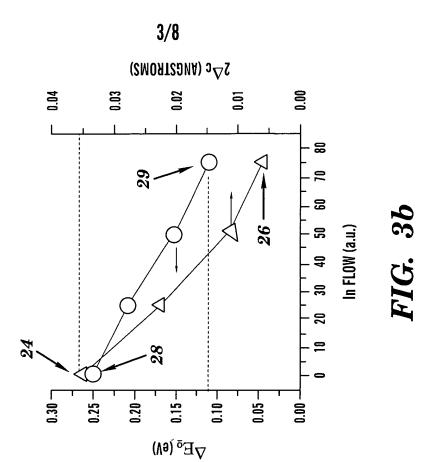


FIG. 2





Alo.09 In Gan WORMALIZED PL INTENSITY

1.0

1.0

1.0

6an Gan 0.4

0.0

0.0

0.0

3.2

3.4

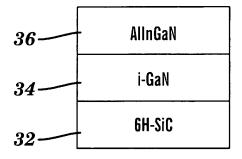
3.6

3.8

PHOTON ENERGY (eV)

 $h\nu = 4.66 \text{ eV}$ $\tau = 10 \text{ ns}$ T = 300 K





AlinGa N/GaN

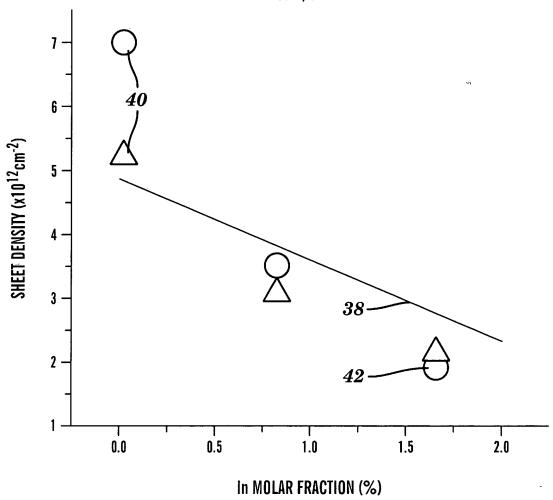
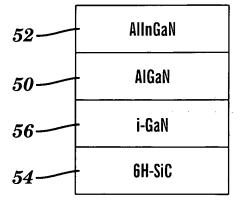


FIG. 4a





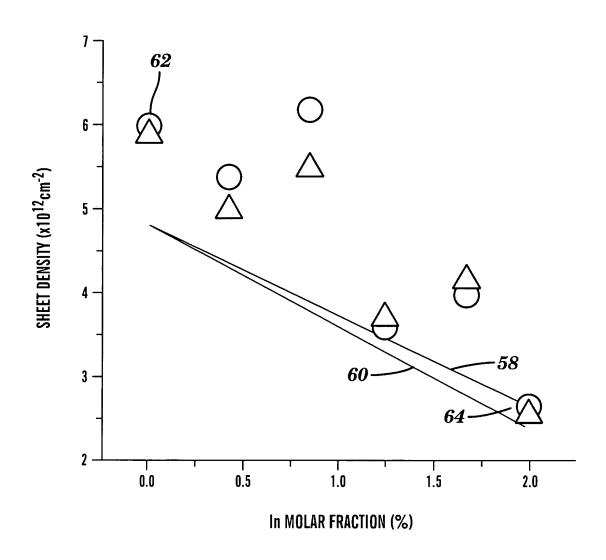


FIG. 4b



 $T=80\ K$

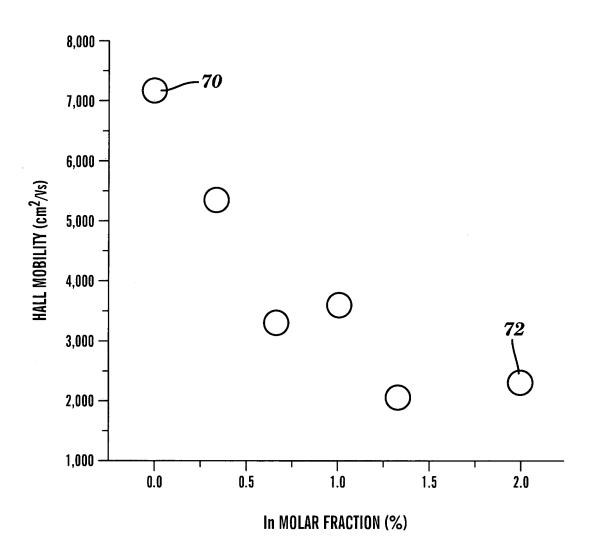


FIG. 5a



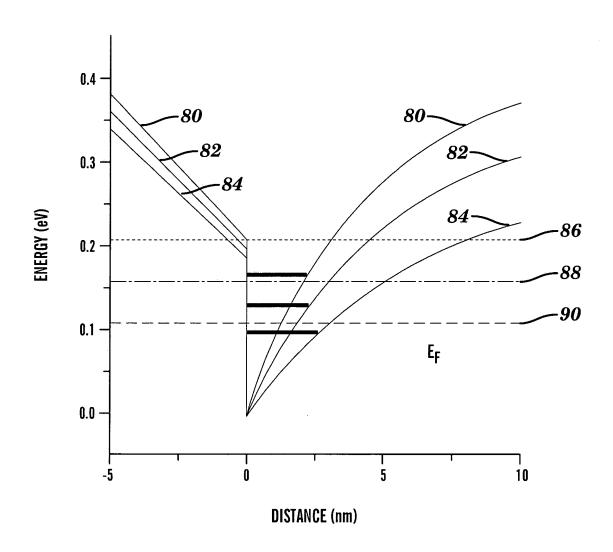


FIG. 5b

.



─ 4.2 K AlGaN/GaN

● −77 K (AlinGaN-AlGaN)/GaN

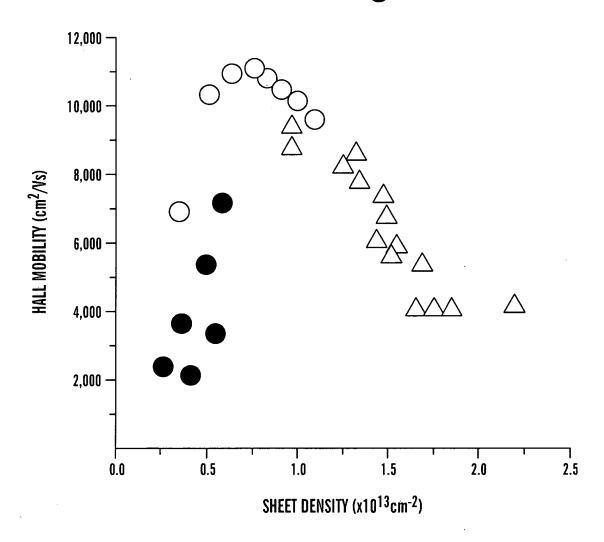


FIG. 5c